

**APPLICATION FOR AUTHORISATION / RENEWAL FOR COLLECTION/
RECEPTION/ TREATMENT/ TRANSPORT/ STORAGE/ DISPOSAL
OF HAZARDOUS WASTES**

From,

Sri.....
M/s.....
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To,

The Member Secretary,
U.P. Pollution Control Board,
PICUP Bhawan, IIIrd Floor,
Vibhuti Khand, Gomti Nagar, Lucknow

Sir,

I/We hereby apply for authorisation (initial/renewal) under sub-rule(3) of Rule-5 of the Hazardous Wastes Rules 1989 (as amended) for collection/reception/treatment/ transport/storage/disposal of hazardous wastes.

(To be filled by State Board Office)

FOR OFFICE USE ONLY

1. CODE NO.
2. WHETHER THE UNIT IS SITUATED IN A CRITICALLY POLLUTED AREA AS IDENTIFIED BY MINISTRY OF ENVIRONMENT and FORESTS

(To be filled by the Applicant)

PART-A GENERAL

3. (a) Name of Owner/Occupier/Operator of the facility
- (b) Name and Address of the Unit and Location of the Activity
- (c) Authorisation required for
(Please tick mark appropriate activity/activities)

- (i) Collection
- (ii) Reception
- (iii) Treatment
- (iv) Transport
- (v) Storage
- (vi) Disposal

(d) In case of renewal of authorisation
previous authorisation No.
Dated

4. (a) Whether the unit is generating hazardous wastes as defined in
Hazardous Waste (management and handling) Rules 1989 (As amended)

(b) If so then types of hazardous wastes as per Schedules 1,2&3 appended to the
Rules

5. (a) Total Capital invested on the project

(b) Year of Commencement of production

(c) Whether the unit works
General
Two shifts
Round the clock

6. (a)(1) List and quantam of products

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(a)(2) List and quantam of bye-products

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(b) List and quantam of raw materials

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7. Furnish a flow diagram of manufacturing process showing input and output in terms of raw materials and products and wastes generated including for captive power, generation, demineralised water plant and other utilities, storage and transport of raw materials and products etc.

PART B

Pertaining to sewage and trade effluents

8. Quantity and Source of water for

(a) Cooling m /d

(b) Process m /d

(c) Domestic m /d

(d) Others m /d

9. Sewage and trade effluent discharge

(a) Quantum of discharge m /d

(b) Is there any effluent treatment plant yes/no

(c) If yes , a brief description of unit operations with with capacity and flowsheet

(d) Characteristics of discharged effluent before and after treatment

(i) pH

(ii) Suspended Solids

(iii) Dissolved Solids

(iv) Chemical Oxygen Demand (COD)

(V) Bio-chemical Oxygen Demand (BOD)

(vi) Oil and Grease

(vii) Total Organic Carbon (TOC)

(viii) Heavy Metals(specify)

(viii) Others (specify)

(e) Mode of disposal and final discharge point
(enclose map showing discharge points)

(f) Parameters and Frequency of self monitoring

PART C

Pertaining to Stacks (chimney) and vent emissions

- 10 (a) Number of stacks and vents with height and diameter(m)
- (b) Quality and quantity of emission from each of the above sources or stacks
- (i) Particulate matter
 - (ii) Sulfur dioxide
 - (iii) Acid fumes
 - (iv) Nitrogen oxides
 - (v) Fluoride
 - (vi) Additional parameters if any
- (c) A brief account of the air pollution control units to deal with the emission
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PART D

Pertaining to hazardous wastes and hazardous chemicals

11. Solid wastes
- (a) Total Quantum of generation including all types
- (b) Quantum of different types of hazardous waste generated, its classification in terms of schedules 1,2,3 of the amended Hazardous Waste Rule dated 6th,January,2000 and defined under the Environment (Protection) Act 1986

Quantity ton/year	Source of waste	Category as per schedules 1, 2 & 3
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(c) Mode of storage within plant and method of disposal for all of above wastes

12. (a) Hazardous chemicals as defined under defined Name Quantity Environment (Protection) Act 1986 (refer to the
Manufacture, Storage and Import of Hazardous
Chemicals Rules 1989 as amended)

(b) Whether any isolated storage is involved ,if yes attach details

(c) Whether emergency plans are prepared for taking
on-site measure yes/no if yes then enclose details
off-site measures yes /no if yes then enclose details

Yours faithfully

Place:

Name and signature of applicant

Date :.....

Designation

Annexure to Form 1

1. Important environmental features of the surrounding site
(Please attach a map of the area ,2.5 km radius
with the site at the centre indicating therein ,water bodies ,
important human activities,sensitive features)
2. (a) A description of different steps of process /operation which
give rise to generation of hazardous wastes. (refer to list in rules)
- (b) Maximum storage at a time of hazardous chemicals
3. Description of Hazardous Wastes (Details may be enclosed on separate sheet)
- (a) Total quantity of each type of hazardous waste generated per year
In terms of Schedules appended to the revised rules
- (b) Physical properties
 - (1) Physical form (solid/semi solid /liquid)
with respective quantity in each form
 - (2) Specific gravity
 - (3) percentage solids
 - (4) chemical composition
(Attach analytical reports for each type)
- (c) Detailed characteristic if known
 - (1) Flash Point
 - (2) Reactivity
 - (3) Toxicity
 - (4) Explosivity
 - (5) Calorific value

(6) Biodegradability

4. Details regarding waste recycling/reprocessing/reuse
If hazardous wastes are being recycled/reprocessed/reused
Details of such hazardous waste as follows

Name & type Total Waste Quantity TPA	Indigenous Waste Quantity TPA	Imported Waste Quantity TPA	Major chemical constituents wt%	Minor chemical constituents wt%
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5. Method of packaging and labelling of wastes

(1) Type of Containers, size & number

(2) Is the packaging /labelling in accordance with Rules
under E.P.Act 1986.

6. Method of handling and transport

(a) By hand /trolley/tractor/truck/or any other means

(b) Name of transporter/scrap contractor

(c) RTO number of vehicles

(d) Is the transport in accordance with Rules made by
the Central Government under Motor vehicles Act 1988?

If yes, details thereof

(e) Is the manifest system being followed

If yes, details thereof

(f) Is the TREM Card being issued

If yes, details thereof

(g) Temperature and pressure of the waste during transport

7. Method of treatment of wastes

(a) Give details of treatment facility with map, diagrams,
type of treatment such as physical, chemical, biochemical
incineration etc.

(b) Quantity of leachate generated m/d

(c) Analysis of leachate,if available from a laboratory approved under Environment (Protection) Act 1986

- (1) TOC
- (2) BOD
- (3) COD
- (4) TDS
- (5) Heavy metals
- (6) Oil & grease
- (7) Phenolics
- (8) Cyanides
- (9) Pesticides
- (10) Toxicity
- (11) Others(specify)

8. Method of Temporary Storage
Give details such capacity, material of construction, covered or open to sky,leachate collection etc

9. Hazardous waste disposal

(a) Give details such operator of facility, location and capacity, construction details, leachate collection and treatment etc

(b) Whether disposal area is restricted with fencing, if so give details and the security arrangements.

(c) Whether disposal facility is a common facility or individual, in case of individual site give details of land,ownership,size etc

10. Details of surface/groundwater surveillance conducted

(a) Details of soil survey conducted

(b) If collection and treatment of leachate is provided give details

(c) Mode of disposal of leachate on land or in surface waters directly or through municipal sewer or in any other water body .

(d) Give detailed on site crisis management plan

(e) Give details of Environment Management Plan

11. Details of waste incineration system

- (a) Waste quantity being incinerated ton/year
- (b) Height of stack
- (c) Details of off-gas cleaning system
- (d) Characteristics of off-gases
- (e) Analysis of incineration ash
- (f) Details of incineration ash storage and disposal

12. Other Solid wastes Quantity Storage Disposal

- (a) In the Form of floor cleaning,containers
- (b) Fly ash, scrap,packing waste etc
- (c) Scraps

13. (a) Name and address of units to whom hazardous wastes are sold as for disposal or reuse

- (b) Whether these units are authorised under Rule-5 and meet environmental requirements, if so enclose copies of the consents and authorisations.

14. Any other details regarding hazardous waste handling and management.

NOTE :

1. **The occupier of unit/operator of facility fill Form-1.**
2. **The records of hazardous wastes are to be maintained in Form-3.**
3. **The applicant has to submit returns on Form-4 to U.P. Pollution Control Board.**
4. **Any accident during transport to the facility or at the site has to be reported immediately to U.P. Pollution Control Board.**
5. **A demand draft of Rs. 7500 payable to U.P. Pollution Control Board towards processing fee of the application has to be enclosed.**

6. Please attach documents wherever required.

Iof M/s.....
is authorized by above said company and the Board of directors /Partners or
Proprietors have read the Form and annexures attached and that I understand that
the above information is correct.

Place:

Signature

Date :.....

Seal

List of enclosures::

1. DD for Rs.7500/- No. dated drawn on
2. Compliance report of previous authorisation
3. Analytical reports
4. Any other(specify)